

APPENDIX - I
FORM 1

(I) Basic Information

Sr. No.	Item	Details
1.	Name of the project/s	Proposed Beach resort
2.	S. No. in the schedule	8 (a)
3.	Proposed capacity/ area/ length/ tonnage to be handled/ command area/ lease area/ number of wells to be drilled	Total Plot Area:- 21,241.00 m ² Plot area within 0-200 m:- 11206.00 m ² Plot area within 200-500 m:- 10035.00 m ² Proposed Built Up Area:- 7801.36 m ² Survey No:-123/1 (Part A), Morjim village, Pernem Taluka, Goa.
4.	New/ Expansion/Modernization	New
5.	Existing Capacity/Area etc.	Not Applicable
6.	Category of Project i.e. 'A' or 'B'	B2
7.	Does it attract the general condition? If yes, please specify.	No
8.	Does it attract the specific condition? If yes, please specify.	No
9.		
	Plot/ Survey/ Khasra No.	123/1 (Part A)
	Village	Morjim
	Tehsil	Pernem
	District	North
	State	Goa
10.	Nearest railway station/airport along with distance in kms.	<u>Aerial Distances</u> Thivim Railway Station – 11.76 Km Dabolim Airport – 29.36 Km
11.	Nearest Town, City, District Headquarters along with distance in kms.	<u>Aerial Distances</u> Mapusa town – 9.07 Km Panaji City – 18.16 Km
12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Morjim Village Panchayat Ph no:- 0832-2244310
13.	Name of the applicant	M/s Chakshu Properties Pvt. Ltd.
14.	Registered Address	3-D/2, Court Chambers, 35, New Marine Lines, Mumbai – 400 020.
15.	Name	Alpesh Desai

	Designation (Owner/Partner/CEO)	Director
	Address	Same as above
	Pin Code	400 020
	Telephone no.	9820534788
	Fax No.	-
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet.	No alternative
17.	Interlinked Projects	No interlinked project
18.	Whether separate application of interlinked project has been submitted?	Not applicable
19.	If yes, date of submission	No
20.	If no, reason	Not applicable
21.	Whether the proposal involves approval/ clearance under: if yes, details of the same and their status to be given.	
	(a) The Forest (Conservation) Act, 1980?	No
	(b) The Wildlife (Protection) Act, 1972?	No
	(c) The C.R.Z Notification, 1991?	No
22.	Whether there is any Government Order/ Policy relevant/ relating to the site?	Yes. The project has been granted CRZ NOC by Goa Coastal Zone Management Authority (GCZMA) vide reference no. GCZMA/N/14-15/164/2889 dated 22.02.2016 – Attached as Annexure 1.
23.	Forest land involved (hectares)	No forest land involved. The copy of Form I and XIV is presented in pre-feasibility report.
24.	Whether there is any litigation pending against the project and/or land in which the project is proposed to be set up? (a) Name of the Court (b) Case No. (c) Orders/directions of the court, if any and its relevance with the proposed project.	No

II) Activity

1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (Topography, land use, changes in water bodies, etc.)

Sr. No	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	Yes	The present land will be used for construction of proposed buildings causing permanent change in the present land use pattern.
1.2	Clearance of existing Land, vegetation and building?	No	Proposed project site is devoid of any vegetation or building.
1.3	Creation of new land uses?	No	Not applicable
1.4	Pre-construction investigation e.g. borehole, soil testing?	Yes	Soil investigation has been carried out.
1.5	Construction works	Yes	List of construction materials with estimated quantity of respective materials is presented in prefeasibility report
1.6	Demolition work	No	No demolition is required
1.7	Temporary sites used for construction works or housing of construction workers?	Yes	Temporary housing sheds for construction workers and site office for staff and security persons within the plot premises.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	Above ground buildings, structures are proposed. Excavation to be carried out during construction phase.
1.9	Underground works including mining or tunneling?	No	Not applicable
1.10	Reclamation works?	No	No reclamation is required
1.11	Dredging?	No	Not applicable
1.12	Offshore structures?	No	Not applicable
1.13	Production and manufacturing processes?	No	Not applicable
1.14	Facilities for storage of goods or materials?	Yes	Identified storage area for storage of goods and materials in plot premises is proposed.
1.15	Facilities for treatment or disposal of solid waste or	Yes	Solid waste management plan presented in prefeasibility report

	liquid effluent?		Effluent management plan is presented in prefeasibility report
1.16	Facilities for long term housing of operational workers?	No	Temporary sheds will be provided to the construction workers during the construction period.
1.17	New road, rail or sea traffic during construction or operation?	No	No new mode of traffic is envisaged.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	Existing infrastructure will be used.
1.19	Closure or diversion of existing transport routes or infrastructure leading to charges in traffic movements?	No	Existing approach road will be used for transportation of construction materials to the site.
1.20	New or diverted transmission lines or pipelines?	No	Not applicable
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	Not applicable
1.22	Stream crossing?	No	Not applicable
1.23	Abstraction or transfers of water from ground or surface waters?	No	Detailed plan for meeting the water requirement is presented in prefeasibility report.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	Natural Drainage will not be altered. Rain water Harvesting system is proposed.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	Trucks/ Tempos will be used for transportation.
1.26	Long-term dismantling or decommissioning or restoration works?	No	Not applicable
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	Not envisaged
1.28	Influx of people to an area either temporarily or permanently?	Yes	About 50 persons are proposed to work during construction phase. About 158 occupants are estimated during

			operation phase.
1.29	Introduction of alien species?	No	Not applicable
1.30	Loss of native species or genetic diversity?	No	Not applicable
1.31	Any other actions?	No	Not applicable

2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

Sr. No.	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	No	No agriculture land. The present land zoned as settlement zone.
2.2	Water (expected source & competing users) unit: KLD	Yes	Please refer prefeasibility report.
2.3	Minerals (MT)	No	Not applicable
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	Details are presented in pre-feasibility report.
2.5	Forests and timber (source – MT)	Yes	Use of timber shall be minimal and will be used only for making doors and window panes.
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	During construction Source – Goa Electricity Department Back up source – DG (1 X 200 KVA) During operation phase Source – Goa Electricity Department Back up source – DG (1 X 500 KVA)
2.7	Any other natural resources (use appropriate standard units)	No	Not envisaged

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

Sr. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna and water supplies)	Yes	Used oil from D.G sets
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	Safe working environment for onsite workers will be ensured. Regular health for construction workers will be done during construction phase of project.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	Direct employment to the locals during construction phase. Indirect employment to the local people has the project will create additional demand for civic amenities and other daily needs. There will be improvement in the socio-economic status of the people living in the vicinity.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	Not envisaged
3.5	Any other causes	No	Not envisaged

4. Production of solid wastes during Construction or Operation or Decommissioning (MT/month)

Sr. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	Not applicable
4.2	Municipal waste (domestic and/ or commercial wastes)	Yes	Refer pre-feasibility report .
4.3	Hazardous waste(as per Hazardous Waste Management Rules)	Yes	Construction phase – Approx. 15 Kg/month of used oil from D.G set Operation phase – Approx. 10 Kg/month of used oil from D.G sets and STP equipments.
4.4	Other industrial process wastes	No	Not applicable
4.5	Surplus product	No	Not applicable
4.6	Sewage sludge or other sludge from effluent treatment	Yes	Refer pre-feasibility report .
4.7	Construction or demolition wastes	Yes	Demolition waste will be generated.
4.8	Redundant machinery and equipments	No	Not applicable
4.9	Contaminated soils or other materials	No	Not applicable
4.10	Agriculture waste	No	Not applicable
4.11	Any other wastes	No	Not envisaged

5. Release of pollutants or any hazardous, toxic or noxious substances to air (kg/hr)

Sr. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	Construction phase – Emissions from use of D.G, JCB, Poclain etc. Operation phase – D.G sets during power failure.
5.2	Emissions from production processes	No	Not applicable
5.3	Emissions from materials handling including storage or transport	Yes	Handling of construction material.
5.4	Emissions from construction activities including plant and equipment	Yes	Fugitive emissions in form of dust during loading/unloading
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	Yes	No odour from sewage as it will be carried out through closed pipelines. No odour from solid waste as it will be segregated into wet and dry waste.
5.6	Emissions from incineration of waste	No	Waste will not be incinerated
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	Waste will not be burned in open air
5.8	Emissions from any other sources	No	Not envisaged

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

Sr. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	<p>Construction phase – D.G set of 200 KVA X 1 no. is proposed. Noise level of about 65-75 dB (A) from operation of D.G is envisaged. D.G will be used only during the construction phase.</p> <p>Operation phase – D.G set of 500 KVA X 1 no. is proposed during operation phase. Noise level of about 65-75 dB (A) from operation of D.G sets and STP equipment is envisaged.</p>
6.2	From industrial or similar processes	No	Not applicable
6.3	From construction or demolition	Yes	Generation of Noise level of about 65-75 dB (A) is envisaged from construction activities
6.4	From blasting or piling	No	Not applicable
6.5	From construction or operational traffic	Yes	About 60 to 65 dB (A) noise level due to movement of vehicles during construction and operation phase.
6.6	From lighting or cooling systems	No	Not applicable
6.7	From any other sources	No	Not envisaged

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

Sr. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	Diesel, lubricant, used oil will be stored at identified area. Used oil will be disposed off through authorized recycler.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	No sewage will be discharge on land without treatment. During construction phase mobile sanitation facilities will be provided to the construction workers. During operation phase STP's will be installed for treatment of sewage. Treated sewage will be used for flushing, landscaping, car washing.
7.3	By deposition of pollutants emitted to air into the land or into water	No	No risk is envisaged
7.4	From any other sources	No	Not envisaged
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	Not applicable

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment:

Sr. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc. from storage, handling, use or production of hazardous substances	No	Not envisaged. All the safety measures will be followed. NOC prior to commencement of construction will be taken from Directorate of Fire and Emergency
8.2	From any other causes	No	Not envisaged
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	Building structures will be earthquake resistant. Structure stability certificate will be taken from approved RCC Engineer.

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality:

Sr. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) Housing development Extractive industries Supply industries Other	Yes	The project will have positive impact on the Socio Economic parameter of Environment. There will be additional load on the existing infrastructure facilities. Supporting infrastructure facilities are already in existence.
9.2	Lead to after-use of the site, which could have an impact on the environment	No	Not applicable
9.3	Set a precedent for later developments	No	Not applicable
9.4	Have cumulative effects	No	Not applicable

	due to proximity to other existing or planned projects with similar effects		
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(III) Environmental Sensitivity

Sr. No.	Areas	Name/ Identity	Aerial distance (within 15 km) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Salim Ali Bird Sanctuary	Approx. 17.90 km
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	There is no ecological sensitive area within 15 Km of project site	NA
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	No	Not applicable
4	Inland, coastal, marine or underground waters	Chapora river	Approx. 1.15 Km
5	State/ National boundaries	No	Not Applicable
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	No	Not Applicable
7	Defense installations	No	Not Applicable
8	Densely populated or built-up area	No	Not applicable
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	Morjim Village	900m
10	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	No	Not Applicable
11	Areas already subjected to pollution or environmental damage. (Those where existing	No	Not Applicable

	legal environmental standards are exceeded)		
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	No	Goa lies in Zone-III of seismic region and designing and construction will be done accordingly.

NOTE:

1. The projects involving clearance under Coastal Regulation Zone Notification, 1991 shall submit with the application a C.R.Z map duly demarcated by one of the authorized agencies, showing the project activities, w.r.t C.R.Z (at the stage of TOR) and the recommendations of the State Coastal Zone Management Authority (at the stage of EC). Simultaneous action shall also be taken to obtain the requisite clearance under the provisions of the C.R.Z Notification, 1991 for the activities to be located in the CRZ. Not applicable

Not applicable

2. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon (at the stage of EC).

Not applicable

3. All correspondence with the Ministry of Environment & Forests including submission of application for TOR/ Environmental Clearance, subsequent clarifications, as may be required from time to time, participation in the EAC Meeting on behalf of the project proponent shall be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project.

Undertaking

I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.

Date: 09.03.2016

Place: Goa

Alpesh Desai

Project Proponent

Chakshu Properties Private Limited

3-D/2, Court Chambers, 35, New Marine Lines, Mumbai – 400 020